

CELLS (viii)

1. Why cells do called structural and functional unit of life?
2. Differentiate between prokaryotic and eukaryotic cells and give two examples of each.
3. Explain the function of nerve cell with the help of neat diagram.
4. Differentiate between plant cell and animal cell with the help of diagram.
5. What is tissue? How is it related to organ and system?
6. What is gene? Where does it exist in body? Explain it main function?
7. What are plastids? Explain its main function.
8. Differentiate between cytoplasm and protoplasm?
9. How can you say that an egg is a single cell?
10. What is cell membrane? Explain its main function?
11. Name two single cells which can change their shape?
12. Fill in the blanks:-
 - (i) nucleus is separated from cytoplasm by a-----.
 - (ii) cells were first observed in -----by-----.
 - (iii) -----is a single cell can be seen with the unaided eye.
 - (iv) Smaller components of cells called -----.
 - (v) Coloured bodies called-----are found in -----cells only.
 - (vi) -----is unit of inheritance in living organism.
 - (vii) -----is called false feet. Its main functions are -----and-----.
 - (viii)